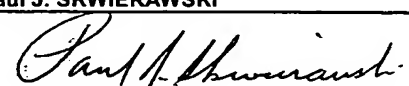
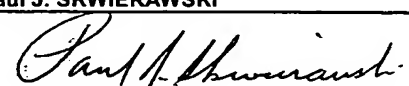
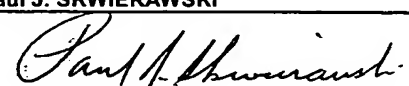


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.		500.38056CC4																																											
		First Inventor		Koulchirou WAKABAYASHI et al.																																											
		Title	METHOD OF REPRODUCING INFORMATION WITH EQUALIZATION COEFFICIENT...																																												
		Express Mail Label No.																																													
APPLICATION ELEMENTS				Mail Stop Patent Application Commissioner for Patents POB 1450 Alexandria, Virginia 22313-1450																																											
SEE MPEP chapter 600 concerning patent application contents.																																															
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages: <u>18</u>] -Descriptive title of the invention (or title page) -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) [7 Shts.: Elgs 1-7]</p> <p>5. Oath or Declaration [Total Pages: <u>04</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) ii. <input type="checkbox"/> FILED WITHOUT DECLARATION</p> <p>6. <input type="checkbox"/> Application Data Sheet (See 37 CFR §1.76)</p> </div> <div style="width: 48%;"> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> </div> </div>																																															
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/283,143 filed 30 October 2002</p> <p>Prior application information: Examiner: G. Patel Group Art Unit: 2655</p> <p>CONTINUATION/DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.</p> </div> <div style="width: 48%;"> <p style="text-align: center;">19. CORRESPONDENCE ADDRESS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <input checked="" type="checkbox"/> Customer No./Bar Code Label <div style="border: 1px solid black; padding: 2px; text-align: center; margin: 5px;">020457</div> <small>(Insert Customer No/Attach bar code label here)</small> </div> <div style="width: 35%;">or <input checked="" type="checkbox"/> Correspondence address below</div> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name</td> <td colspan="4">ANTONELLI, TERRY, STOUT & KRAUS, LLP</td> </tr> <tr> <td colspan="2">Address</td> <td colspan="4">1300 North Seventeenth Street</td> </tr> <tr> <td colspan="2"></td> <td colspan="4">Suite 1800</td> </tr> <tr> <td>City</td> <td>Arlington</td> <td>State</td> <td>VA</td> <td>Zip Code</td> <td>22209-3801</td> </tr> <tr> <td>Country</td> <td>USA</td> <td>Telephone</td> <td>703-312-6600</td> <td>Fax</td> <td>703-312-6666</td> </tr> <tr> <td>Name</td> <td colspan="2">Paul J. SKWIERAWSKI</td> <td colspan="2">Registration No. (Attorney/Agent)</td> <td>32,173</td> </tr> <tr> <td>Signature</td> <td colspan="3"></td> <td>Date</td> <td>19 November 2003</td> </tr> </table> </div> </div>						Name		ANTONELLI, TERRY, STOUT & KRAUS, LLP				Address		1300 North Seventeenth Street						Suite 1800				City	Arlington	State	VA	Zip Code	22209-3801	Country	USA	Telephone	703-312-6600	Fax	703-312-6666	Name	Paul J. SKWIERAWSKI		Registration No. (Attorney/Agent)		32,173	Signature				Date	19 November 2003
Name		ANTONELLI, TERRY, STOUT & KRAUS, LLP																																													
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Signature				Date	19 November 2003																																										

 22388 U.S. PTO
 10/7/15387


13281 U.S. PTO
111903

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

Complete if Known

Application Number	Unassigned (\$53b Cont. of 10/283,143)
Filing Date	19 November 2003
First Named Inventor	Kouchirou WAKABAYASHI et al.
Examiner Name	Unassigned (Parent - G. Patel)
Group Art Unit	Unassigned (Parent - 2655)
Attorney Docket No.	500.38056CC4

TOTAL AMOUNT OF PAYMENT (\$) 770.00**METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge DEFICIENCIES indicated to:
Deposit Account Number 01-2135
Deposit Account Name ATS&K
☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant Claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
☐ Check ☒ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION**2. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					\$770.00

1. EXTRA CLAIM FEES

				Extra Claims	Fee from below	Fee Paid
Total Claims	5-20**	=	00	x\$18	=	\$00
Indep. Claims	2-3**	=	00	x\$86	=	\$00
Multiple Dependent						=

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1201	18	2201	9	Claims in excess of 20
1202	86	2202	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$00				

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

Large Entity Fee Code		Small Entity Fee Code		Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$00)**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Paul J. SKWIERAWSKI	Registration No. (Attorney/Agent)	32,173	Telephone	703-312-6600
Signature		Date	19 November 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.